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LRB100 08042 MST 18127 r

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HOUSE RESOLUTION

2 WHEREAS, The development of distributed databases and
3 ledgers protected against revision by publicly-verifiable open
4 source cryptographic algorithms, and protected from data loss
5 by distributed records sharing, colloquially called
6 "blockchain", has reached a point where the opportunities for
7 efficiency, cost savings, and cybersecurity deserve
8 legislative study; and

9 WHEREAS, Blockchain technology is a promising way to
10 facilitate a transition to more efficient government service
11 delivery models and economies of scale, including facilitating
12 safe, paperless transactions, and permanent recordkeeping
13 immune to cyber-attacks, and data destruction; and

14 WHEREAS, Blockchain technology can reduce the prevalence
15 of government's disparate, computer systems, databases, and
16 custom-built software interfaces, reducing costs associated
17 with maintenance and implementation and allowing more regions
18 of the state to participate in electronic government services;
19 and

20 WHEREAS, Nations and municipalities across the world are
21 studying and implementing government reforms that bolster
22 trust and reduce bureaucracy through verifiable open source

1 blockchain technology in a variety of use cases from medical
2 records, land records, banking, and property auctions; and

3 WHEREAS, The State of Illinois, through the recently
4 created Illinois Blockchain Initiative, has promoted a
5 collaborative regulatory exchange with technology firms,
6 software developers, and service providers, so that if
7 regulation is needed, it will be the product of a collaborative
8 and proactive approach, with the goal of encouraging economic
9 development through innovation; therefore, be it

10 RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE ONE
11 HUNDREDTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that there
12 is created the Illinois Legislative Blockchain and Distributed
13 Ledger Task Force to study how and if State, county, and
14 municipal governments can benefit from a transition to a
15 blockchain based system for recordkeeping and service
16 delivery; and be it further

17 RESOLVED, That the Task Force will consist of the following
18 members;

19 (1) two members appointed by the Speaker of the House,
20 one who shall be designated as Co-Chairperson;

21 (2) two members appointed by the House Minority Leader;

1 (3) two members appointed by the President of the
2 Senate, one who shall be designated as Co-Chairperson;

3 (4) two members appointed by the Senate Minority
4 Leader;

5 (5) one member appointed by the Cook County Recorder of
6 Deeds;

7 (6) one member appointed by the Illinois Department of
8 Financial and Professional Regulation;

9 (7) one member appointed by the state Division of
10 Banking; and

11 (8) one member appointed by the Secretary of State; and
12 be it further

13 RESOLVED, That all appointments shall be confirmed by both
14 Co-Chairpersons; and be it further

15 RESOLVED, That all appointments to the Task Force shall be
16 made within 60 days after the adoption of this resolution;
17 vacancies in the Task Force shall be filled by their respective
18 appointing authorities within 30 days after the vacancy occurs;

1 and be it further

2 RESOLVED, That the Task Force members shall serve without
3 compensation; and be it further

4 RESOLVED, That the Task Force shall receive the assistance
5 of legislative staff, may employ skilled experts with the
6 approval of the Co-Chairpersons, and shall receive the
7 cooperation of any State agencies it deems appropriate to
8 assist the Task Force in carrying out its duties; and be it
9 further

10 RESOLVED, That the members of the Task Force shall be
11 considered members with voting rights; a quorum of the Task
12 Force shall consist of a majority of the members; and be it
13 further

14 RESOLVED, That the Task Force shall meet initially at the
15 call of the Co-Chairpersons, no later than 90 days after the
16 adoption of this resolution, and shall thereafter meet at the
17 call of the Co-Chairpersons; and be it further

18 RESOLVED, That the General Assembly shall provide
19 administrative and other support to the Task Force; and be it
20 further

1 RESOLVED, That the Task Force shall research, analyze, and
2 consider:

3 (1) Opportunities and risks associated with using
4 blockchain and distributed ledger technology;

5 (2) Different types of blockchains, both public and
6 private, and different consensus algorithms;

7 (3) Projects and use cases currently under development
8 in other states and nations, and how those cases could be
9 applied in Illinois;

10 (4) How current State laws can be modified to support
11 secure, paperless recordkeeping;

12 (5) The State Public Key Infrastructure and digital
13 signatures; and

14 (6) Official reports and recommendations from the
15 Illinois Blockchain Initiative; and be it further

16 RESOLVED, That the Task Force shall present its findings
17 and recommendations to the General Assembly in a report on or
18 before January 1, 2018.